

WHAT IS CLAIMED IS:

1. A recording medium having a data structure for managing playback control of the recording medium, comprising:

a navigation area storing an information file including a first playback indicator, the first playback indicator identifying a navigation command field for execution at first playback of the recording medium, the navigation area further storing the identified navigation command field, the identified navigation command field including at least one navigation command.

2. The recording medium of claim 1, wherein the first playback indicator includes a name for the identified navigation command field.

3. The recording medium of claim 1, wherein the first playback is when the recording medium is first read.

4. The recording medium of claim 1, wherein the identified navigation command field includes a navigation command for launching a playlist.

5. The recording medium of claim 4, wherein the playlist includes navigation information for reproducing at least a portion of a clip file.

6. The recording medium of claim 1, wherein the information file is stored in main directory, which is a sub-directory of a root directory for the recording medium.

7. The recording medium of claim 6, wherein the first playback is when the recording medium is first read.

8. The recording medium of claim 6, wherein the main directory further includes a playlist directory storing at least one playlist, a clip information file directory storing at least one clip information file and a stream directory storing at least one clip file.

9. The recording medium of claim 6, wherein the first playback indicator includes a name for the identified navigation command field.

10. The recording medium of claim 6, wherein the identified navigation command field includes a navigation command for launching the playlist in the playlist directory.

11. The recording medium of claim 10, wherein the playlist includes navigation information for reproducing at least a portion of the clip file in the stream directory.

12. A method of recording a data structure for managing playback control of the recording medium, comprising:

recording an information file on the recording medium, the information file including a first playback indicator, the first playback indicator identifying a navigation command field for execution at first playback of the recording medium; and

recording the identified navigation command field on the recording medium, the identified navigation command field including at least one navigation command.

13. A method of reproducing a data structure for managing playback control of the recording medium, comprising:

reproducing an information file from the recording medium, the information file including a first playback indicator, the first playback indicator identifying a navigation command field for execution at first playback of the recording medium; and

reproducing the identified navigation command field from the recording medium, the identified navigation command field including at least one navigation command.

14. An apparatus for recording a data structure for managing playback control of the recording medium, comprising:

a driver for driving an optical recording device to record data on the

recording medium;

a controller for controlling the driver to record an information file on the recording medium, the information file including a first playback indicator, the first playback indicator identifying a navigation command field for execution at first playback of the recording medium; and controlling the driver to record the identified navigation command field on the recording medium, the identified navigation command field including at least one navigation command.

15. An apparatus for reproducing a data structure for managing playback control of the recording medium, comprising:

a driver for driving an optical reproducing device to reproduce data recorded on the recording medium;

a controller for controlling the driver to reproduce an information file from the recording medium, the information file including a first playback indicator, the first playback indicator identifying a navigation command field for execution at first playback of the recording medium; and to reproduce the identified navigation command field from the recording medium, the identified navigation command field including at least one navigation command.